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*Ohio University*

B U L L E T I N

S U M M E R S E S S I O N S

1945

OHIO UNIVERSITY — ATHENS, OHIO  
"The Oldest University in the Northwest Territory"  
(Established by Legislative Enactment, February 18, 1804)



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# OHIO UNIVERSITY BULLETIN

## THE 1945 SUMMER SESSIONS

### CALENDAR

#### SUMMER SESSION

June 11 M Advising and registration  
June 12 T Classes begin  
June 23 S Last day for filing application for graduation  
July 4 W July Fourth, a holiday  
July 30 M Masters' theses due in the library  
Aug. 4 S Session closes; commencement

#### POST SUMMER SESSION

Aug. 6 M Advising and registration  
Aug. 8 W Last day for filing application for graduation  
Aug. 20 M Masters' theses due in the library  
Aug. 25 S Session closes

## GENERAL ADMINISTRATIVE OFFICERS

JOHN CALHOUN BAKER, LL.D.	<i>President of the University</i> Ewing Hall
THOMAS COOKE McCracken, Ph.D.	<i>Provost, and Dean of the College of Education</i> Cutler Hall
IRMA ELIZABETH VOIGT, Ph.D.	<i>Dean of Women</i> McGuffey Hall
LAURENCE WALDEMAR LANGE,* Ph.D.	<i>Dean of Men</i> Cutler Hall
FRANK BROWN DILLEY, Ph.D.	<i>Registrar and Director of Admissions</i> Ewing Hall
GEORGE CRAWFORD PARKS, Ph.B.	<i>Treasurer and Business Manager</i> Ewing Hall
BRANDON TAD GROVER, B.S.Ed.	<i>Assistant to the President</i> Ewing Hall
IRENE LUCILE DEVLIN, A.M.	<i>Secretary to the Executive Officers and Co-ordinator of Office Personnel</i> Ewing Hall
ANNE CLAIRE KEATING, A.B.	<i>Librarian</i> Edwin Watts Chubb Library
CLARK EMERSON WILLIAMS, A.B.	<i>Alumni Secretary and University Editor</i> Wilson Hall
OSSIAN CLINTON BIRD, Ed.M.	<i>Director of Physical Welfare</i> Men's Gymnasium
RAYMOND ARCHER LEE, Major, Infantry, U.S.A.	<i>Professor of Military Science and Tactics, R.O.T.C.</i> Carnegie Hall
JAMES FLOYD DIXON, A.M.	<i>Director of the University Extension</i> Wilson Hall
ELLIS HERNDON HUDSON,* M.D.	<i>Director of the Health Service</i> Agriculture and Household Arts Building
DON C. PEDEN, B.S.	<i>Director of Intercollegiate Athletics</i> Men's Gymnasium
EMBREE RECTOR ROSE, M.D.	<i>Acting Director of the Health Service</i> Agriculture and Household Arts Building
WILLIAM HENRY HERBERT, A.M.	<i>Purchasing Agent</i> Service and Storage Building
LUVERNE FREDERICK LAUSCHE, B.S.	<i>Chief Engineer</i> Ewing Hall
PHILIP LAWRENCE PETERSON, B.M.Ed.	<i>Acting Dean of Men</i> Cutler Hall

\*On leave of absence

## ADMINISTRATIVE OFFICERS IN THE COLLEGES

EDWIN WATTS CHUBB, Litt.D., LL.D.-----*Dean Emeritus of the  
College of Arts and Sciences*  
Athens, Ohio

ALBERT ALGERNON ATKINSON, M.S.-----*Dean Emeritus of the  
College of Applied Science*  
Athens, Ohio

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WALTER SYLVESTER GAMERTSFELDER, Ph.D.-----*Dean of the Graduate  
College and of the College of Arts and Sciences*  
Cutler Hall

THOMAS COOKE McCRAKEN, Ph.D.-----*Dean of the College of Education*  
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and Acting Dean of the College of Applied Science*  
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EARL COVERT SEIGFRED, Ph.D.-----*Dean of the College of Fine Arts and  
Acting Director of the School of Dramatic Art and Speech*  
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GEORGE STARR LASIHER, A.M.-----*Director of the School of Journalism*  
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LAWRENCE CARL MITCHELL, A.M.-----*Director of the School of Painting  
and Allied Arts*  
Ellis Hall

ROBERT GATES DAWES,\* Ed.D.-----*Director of the School of Dramatic Art  
and Speech*  
Ewing Hall

DARRELL BENNETT GREEN, Ph.D.-----*Director of Engineering, Industrial  
Arts, and Agriculture*  
Super Hall

CONSTANCE ANDREWS SANDS, A.M.-----*Secretary of the College of  
Arts and Sciences*  
Cutler Hall

VIVIAN MAE ROBERTS, Ph.D.-----*Director of the School of Home Economics*  
Agriculture and Household Arts Building

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\*On leave of absence

## OHIO UNIVERSITY AND ITS BACKGROUND

Ohio University has its legal origin in acts of the Congress of the United States and of the Ohio Legislature. It traces its spiritual genesis, however, to a clause drafted by the Rev. Dr. Manasseh Cutler in the Ordinance of 1787, which declares that "Religion, morality, and knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall forever be encouraged." The Ordinance was devised "for the government of the territory of the United States northwest of the river Ohio," a region now generally known as the "Northwest Territory."

### THE OHIO LANDS

In its land purchase contract entered into with the Federal Government, October 27, 1787, three months after the passage of the Ordinance, the Ohio Company of Associates reserved "two complete townships for the purposes of an university." Upon the establishment of government in the "Ohio lands" and the location of townships by General Rufus Putnam, the territorial legislature, sitting in Chillicothe, on January 9, 1802, provided by an enactment "that there shall be a university instituted and established in the town of Athens...by the name and style of the American Western University." Arthur St. Clair was at this time governor of the Northwest Territory.

Two years later, February 18, 1804, Ohio in the meantime having been admitted to the Union, the state legislature re-enacted the provisions of the Territorial Act with a few changes. This latter act, which gave to the institution the name "Ohio University," has since been regarded as the charter of the school.

Through the efforts of General Putnam, the first building was constructed in 1808. Doctor Cutler and General Putnam are recognized as co-founders of the university.

### WILLIAM HOLMES McGUFFEY ONCE PRESIDENT

The Rev. Jacob Lindley, Presbyterian minister of Waterford, Ohio, and a graduate of Princeton University, became the first member of the faculty and administered the affairs of the university until 1822. The first commencement was held on March 3, 1815, at which time two men, Thomas Ewing and John Hunter, were graduated. Among the fourteen presidents who have served Ohio University was William Holmes McGuffey (1839-1843), author and compiler of the "Readers" that bear his name.

## OHIO UNIVERSITY AND ITS OFFERINGS

Ohio University is comprised of the University College (freshman year), College of Arts and Sciences, College of Education, College of Commerce, College of Applied Science, College of Fine Arts, and the Graduate College. In addition, there are the Division of Physical Welfare, Division of Military Science and Tactics, and the University Extension Division. The College of Commerce includes the School of Journalism; the College of Applied Science includes the School of Home Economics; and the College of Fine Arts includes the Schools of Painting and Allied Arts, Music, and Dramatic Art and Speech. All of the colleges are degree-granting units with the exception of the first, University College.

The following degrees are granted upon the satisfactory completion of four-year study programs (less time under the accelerated program): Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, Bachelor of Science in Agriculture, Bachelor of Science in Architectural Engineering, Bachelor of Science in Chemistry, Bachelor of Science in Civil Engineering, Bachelor of Science in Commerce, Bachelor of Science in Education, Bachelor of Science in Electrical Engineering, Bachelor of Science in Home Economics, Bachelor of Science in Industrial Engineering, Bachelor of Science in Journalism, Bachelor of Science in Secretarial Studies, Master of Arts, Master of Education, Master of Fine Arts, and Master of Science.

For the program of studies on non-degree levels, see page 42.

### THE 1945 SUMMER SESSIONS

The summer of 1945 will see a return to the plan followed until recent years: an eight-week and a three-week session.

The regular summer session will open on June 11, 1945, and close on August 4. The post summer session, scheduled primarily for the benefit of students who have only a few hours of work to complete for degrees or for teacher qualification under emergency provisions, will open on August 6 and close on August 25. It is expected that formal graduation exercises will be held at the conclusion of the eight-week session—August 4.

The program of studies in certain divisions of the university is expanded in the summer sessions in order better to satisfy the needs of teachers in elementary and secondary schools. Regular offerings which contribute to advancement in certification by the Ohio State Department of Education will be found in most departments. Emphasis is also given to the program of the Graduate College.

During the war emergency, a student who has completed 15 acceptable units with high grades in an accredited high school may be admitted to the university upon the recommendation of his high school principal, even though he has not graduated from high school.

All courses offered in the summer sessions are given by members of the regular teaching staff and are awarded full college credit.



CENTURY-OLD McGUFFEY ELMS

### PLANS FOR THE RETURNING WAR VETERAN

The university is proud of its approximately 5,000 alumni currently serving in the armed forces and of the contribution they are making to the cause of freedom and justice in the world. To match the service of these representatives on the fighting fronts it is striving to meet the extraordinary demands of the war situations as well as the normal educational needs of the day.

Already, veterans of the war are returning to the campus. Since it is expected that a very large number of men and women who interrupted their educations for service with the armed forces will want to resume their educational programs upon the conclusion of hostilities, Ohio University is making definite plans in their interest.

The postwar planning committee has given months of study to courses, curricula, degree requirements, and short-term practical programs of study. Plans have been drafted for the construction of new buildings and the rehabilitation of old ones.

Administrative officers and faculty aim to provide educational programs suited to the needs and interests of returning soldiers as well as to those of recent high school graduates.

### TEACHER PREPARATION AND TEACHER SHORTAGE

Ohio University desires to emphasize that the interests of teachers have not been neglected in its educational program. Teachers seeking certification with a four-year provisional certificate and those working toward temporary certificates will find adequate offerings. Teachers in service may find it possible to attend both the eight-week session and the three-week post session. During these two periods most persons will be able to earn 12 semester hours of credit, the amount required for the renewal of a temporary certificate to teach in the elementary schools.

School superintendents and principals who are harassed by the shortage of teachers should not forget that in the war emergency teachers now serving on their faculties, and others who have met the general requirements for teaching, may qualify for teaching a special subject (art, commerce, dramatic art and speech, guidance and counseling, home economics, industrial arts, music, and physical welfare) by completing nine hours of work, and an academic subject (English, history, mathematics, etc.) by completing six hours of work in these subjects. Ohio University has given special thought to the problems of these school administrators by so organizing its offerings that teachers who take them may be shifted, under the emergency provisions, from relatively well-supplied fields to those in which acute shortages exist. Superintendents are urged to encourage those who are teaching on temporary certificates to comply with the requirements of the Ohio State Department of Education for the renewal of these certificates.

*An Accelerated Program for Veterans and Those Returning from Industry.* The College of Education will group its offerings in psychology and education which are required in preparation for teaching in the high schools

or elementary schools in such a way as to enable a student to complete his professional requirements in less than the time usually required. All who wish to prepare for teaching will be offered the complete services of the college and the university with the expectation of advancing them as rapidly as possible in their preparation to teach. Each student's problems will be given individual attention. The Ohio State Department of Education requirements for certification will need to be met.

For additional information relative to the teacher shortage and the efforts of Ohio University to relieve it, see the statements under "Laboratory Schools" and "The College of Education".

## SPECIAL INFORMATION

**WORKSHOPS.** The College of Education will offer two three-week workshops during the eight-week session, one in Elementary Education, June 11 to June 29, and one in Extended School Services, July 9 to July 27, 1945.

*Workshop in Elementary Education.* This workshop will provide opportunities for teachers to explore the physical and social resources of their community, to learn ways in which they can improve the living together of children, to vitalize learning by working in a community laboratory, and to discover the ways in which reading, writing, and arithmetic may be used as effective social tools. Emphasis will be given to the newer findings in child growth and development and their implementation in school living.

Teachers who want to work upon problems stemming from their own school situations will have an opportunity to do so in this workshop. Principals of schools with their entire staffs may wish to take advantage of workshop facilities in order to solve their own particular school problems. A staff of specialists will be available for consultation.

The workshop will be conducted on the basis of group planning, discussions, roundtables, excursions, reports, creative work and some opportunities for social activities.

*Workshop in Extended School Services.* There is an increased need for teachers who are prepared to work with pre-school age children in the all-day centers and with school age children in the activities of the extended day, week, and year. In the school year 1944-1945 there have been in Ohio 583 teachers in these schools and classes for children of working mothers. Some of these schools are operated at local expense and others with the aid of federal funds under the Lanham Act.

Ohio University will endeavor to meet some of these new demands through a workshop offered for three weeks during the summer term. A child care center will be in operation with teachers, a nutritionist, a nurse, and consultants in all fields of interest concerning the care of children from 2 to 10 years of age.

The fees for each of these workshops will be \$15 when taken alone for credit, \$6 for non-credit, or the usual eight-week session fee when taken with other courses.

**LABORATORY SCHOOLS.** During the eight-week term of the 1945 Summer Sessions, the university will maintain school laboratory facilities at the University Elementary School in Rufus Putnam Hall, in the public elementary school at Mechanicsburg, and at the senior high school in Athens. In addition to offering student teaching required for teacher certification, opportunities are available for observation in typical classroom situations, and for gathering data in research problems. The children of students attending the university are welcome to attend the schools during the eight-week term of the summer. There is no tuition charge.

**WORKSHOP FOR COUNSELORS AND ADVISERS.** The seventh non-credit course for counselors and advisers of women and girls to be given by Dean of Women Irma E. Voigt will be offered during the 1945 Summer Session, June 20 to June 30, inclusive.

The course has two objectives: (1) to serve as a workshop and as professional stimulation for those who are in the field of personnel work and, (2) to help others make a final decision about entering upon such work. The course will consist of seminars, lectures, roundtables, and social hours. At least four hours daily will be spent in organized procedure.

As in previous summers, the group will have the opportunity of living together as one large family in the home of the Alpha Xi Delta Sorority with Mrs. Mary Jane Hitchcock acting as hostess. The "family" dining room will be Howard Hall, just one-half block distant. Each member must furnish his own bed linen and cover.

The course will be offered for a minimum of twelve members and a maximum, because of living arrangements, of twenty-five. This course does not carry academic credit. A fee of approximately \$20.00 will be charged to cover board, room, and incidental expenses for the ten days.

Persons interested in the course should make application immediately to Dean Irma E. Voigt, Ohio University, Athens, Ohio. Applications will be accepted in the order of their receipt.

**RECREATION AND ENTERTAINMENT.** Inasmuch as the Men's Union and the Women's League do not carry on a complete program during the summer, the Campus Affairs Committee serves as a committee on recreation and entertainment. A varied social program is planned and, for the most part, is subsidized by an allotment from the A.L.E. Fund so that most of its functions are free to all students in attendance during the summer sessions.

Dormitory units sponsor one or more functions during the summer sessions. The Women's Recreation Association carries on a program of hikes, cabin parties, and summer sports, including swimming, tennis, and badminton.

The School of Dramatic Art and Speech sponsors plays and the School of Music maintains glee clubs and instrumental organizations both for credit and recreational purposes. The Committee on Convocations provides for several convocations during the summer sessions. These are in the form of lectures, concerts, and dramatic performances.

## GENERAL INFORMATION

**LOCATION.** Ohio University is located in the City of Athens, a community in southeastern Ohio with a population of 7,676, which is the county seat of Athens County. Athens is conveniently accessible by automobile on U. S. Routes 33 and 50, and State Route 56. The city has direct train service on the Chesapeake and Ohio, New York Central, and Baltimore and Ohio railroads. North and south bus service is provided by the Valley Public Service lines; east and west service, by the Greyhound lines. In normal times, airplane connections with the Cleveland, Columbus, and Cincinnati airports are available through a local air service.

**BUILDINGS AND GROUNDS.** Ohio University's physical plant, consisting of 26 principal buildings, 32 auxiliary buildings, and 76 acres of land, is valued at more than \$5,560,000. Not included among the foregoing properties is the University Farm of 333 acres located on U. S. Route 50, five miles southwest of Athens, and the Ohio University Airport of 95 acres located approximately two miles from the campus on U. S. Route 50, east of Athens.

**THE EDWIN WATTS CHUBB LIBRARY.** The Edwin Watts Chubb Library contains 149,936 volumes and receives 757 different periodicals annually. The building has reading and seminar rooms with a seating capacity of 600. A seminar room and stack carrels are set apart for the use of graduate students. The stacks, consisting of six floors, and the periodical and reference rooms will accommodate 250,000 volumes. The library is a designated depository of United States documents which are classified and catalogued by the Dewey system.

In the art gallery are hung exhibitions loaned by art museums, dealers, and artists. There is also a permanent collection of paintings owned by the university.

An unusual feature of the library is the juvenile room which is open to the children of the town and which cares for the needs of the public schools. This feature gives student teachers an opportunity to become familiar with a well-chosen collection of children's literature and serves as a model for the equipment and administration of a children's library.

Courses are given in library administration for schools, a service for the teacher-librarian. These courses may be taken as a minor in education.

**HEALTH AND COUNSELING SERVICES.** The Ohio University Health Service, with a staff of one full-time doctor and five nurses, operates an out-patient clinic, an emergency service, and a 25-bed infirmary. A continuous record of each student's health is maintained by the service. Payment of the health fee entitles a student to the services of the clinic, the hospital (within the maximum capacity), and to certain emergency services. All students receive a complete physical examination upon entering the university.

The University Testing and Vocational Counseling Service conducts the tests required of entering students and makes results available to both the student and his counselor. Vocational guidance counseling is also available to students through this agency.

**BUREAU OF APPOINTMENTS.** The Bureau of Appointments is a service office maintained by Ohio University principally for the purpose of assisting graduates in securing employment. However, the services are available, on the same basis as to seniors, to any student who finds it necessary to discontinue his education and seek permanent employment before taking his degree. The bureau also attempts to be of assistance to those seeking advancement to more desirable positions as well as to those seeking initial placement.

## REGULATIONS AND REQUIREMENTS

**CORRESPONDENCE.** All correspondence pertaining to the admission of a student to the university should be addressed to the Registrar and Director of Admissions, Ohio University, Athens, Ohio. An application blank and all credentials for admission, including a certificate of vaccination, should be presented to the registrar's office not later than one month preceding the opening of the session in which a student begins his work. Full particulars regarding the registration of freshmen and the orientation program will be mailed to students following their acceptance for admission. The general catalog of the university, containing a description of courses, will be sent upon request.

**VACCINATION.** Before being admitted to Ohio University, a new student, whether freshman or transfer, must present evidence of vaccination, within the past five years, against smallpox. A blank certificate giving detailed instructions is sent to each applicant for admission and must be returned to the registrar, properly completed and signed.

**ADMISSION.** The university admits without examination all graduates of high schools in Ohio which are on the approved list of the State of Ohio Department of Education. A student who has completed 15 acceptable units with high grades in an accredited high school may be admitted upon the recommendation of the high school principal, even though he has not graduated from high school. A graduate of an out-of-state high school is admitted if the high school from which he is graduated is on the list of high schools approved by the board of education of that state and if he qualifies for admission to the state university of his own state. A resident of a state which does not support a state university of the same general scope and standards as Ohio University is admitted if he ranks in the upper half of his graduating class.

**TRANSFER STUDENTS—GRADUATE AND UNDERGRADUATE.** A student who is a resident of the State of Ohio and who is entitled to an honorable dismissal from the last college or university attended may be admitted to the university upon the presentation of a complete transcript of high school and college credit and a certificate of vaccination. A transfer student who is not a resident of the State of Ohio may be admitted if he has attained at least a "C" average in his college work and qualifies for admission to the state university of his own state.

An applicant for admission to the Graduate College must be a graduate of an accredited institution. A transcript of the previous college credit must be presented with the application for admission. A student who does not expect to receive a master's degree from Ohio University enrolls as a special student and needs to present only an official statement of graduation.

**WAR VETERANS.** Veterans education is in charge of a committee composed of the deans of the colleges, the personnel deans, the supervisor of the university testing and vocational counseling service, the supervisor of the bureau of appointments, the director of physical welfare, and the registrar and director of admissions who serves as co-ordinator of veterans education and acts as chairman of the committee.

The admission of veterans to the university follows the general admission regulations. All applications and credentials are acted upon by the director of admissions. Serving as the co-ordinator of veterans education, the director of admissions assigns the veteran to the college in which he wishes to pursue his studies. When the veteran is undecided as to his choice of studies or career, the co-ordinator counsels with him relative to his vocational interests and endeavors to assist him in making a wise decision with respect to his program of study. If a veteran finds it necessary to enter the university after the opening of a session, every effort will be made to assist him to meet the requirements of the class.

To make application for educational benefits under Public Law No. 16 and Public Law No. 346, a veteran follows these directions: (1) Fills in Veterans Administration Form 1950. This form may be obtained from Ohio University or at the nearest Veterans Administration office. (2) Prepares a certified copy of discharge from active service. This copy can be certified by a notary public or may be a photostat copy. (3) Submits Form 1950 and the certified copy of discharge papers to the Veterans Administration in Dayton, Ohio, or in his home locality, or to the Co-ordinator of Veterans Education, Ohio University, Athens, Ohio.

After the above steps have been completed, the office of Veterans Administration mails to the veteran a certificate of eligibility, stating the length of time allowed for education and the amount of monthly pay the veteran will receive. The statement of eligibility is filed with the admission credentials which have been or will be presented to the director of admissions.

**REGISTRATION.** Details concerning the registration procedure are given in the schedule of classes which may be obtained in the registrar's office. Registration fees for the summer sessions are payable during the first two days of a session. A fee of one dollar is charged for late registration, with the addition of one dollar for each day late. Students who register after the registration days designated in the university calendar pay registration fees on the day of their registration, and are subject to the late registration fee.

**COLLEGE ABILITY TEST.** An undergraduate student entering Ohio University for the first time is required to take the college ability test and a vocational interest test. A notice giving date, place, and hour of the tests is sent to the student with his admission credentials.

**ACADEMIC LOAD.** The normal academic load of an eight-week session is eight credit hours of work. Permission to register for an additional credit hour will be granted to students whose high school or previous college records warrant the carrying of the additional hour. The maximum load for the three-week session will be three credit hours.

Credit is designated in semester hours. A semester hour is the equivalent of one recitation or two or more laboratory periods a week through a semester. The normal load for an eight-week session is just half of that carried in a semester, while the number of recitation and laboratory periods is approximately double that of a semester. The credit hours applicable to any given course taken in an eight-week summer session are therefore the same as for a full semester.

**PHYSICAL FITNESS.** Men students are required to complete one year of physical activity courses (two semester hours). If the student qualifies in a test, which is given each semester, he is not required to take additional courses after the first year. If he does not pass the test, he is required to continue to enroll in physical activity courses until he passes the test or until he has completed a total of six semester hours. Women students are required to complete two years of physical activity courses (four semester hours).

Students excused from the requirements for medical or other reasons will be required to substitute a health course or health courses, equal to the number of hours excused up to a maximum of four semester hours.

**MILITARY SCIENCE.** For the duration of the war, all physically fit male students between the ages of 14 and 24, inclusive, are required to register for military science and tactics until they have completed the basic courses. However, returning veterans who have been discharged from military service and students in the 4-F classification are exempt from this requirement.

Military science credit does not increase the total semester hours required for graduation, provided the student utilizes his curriculum elective hours for this requirement.

**CREDIT FOR STUDENTS ENTERING MILITARY SERVICE.** A student who withdraws from the university to enter military service before the end of the fifth week of the eight-week summer session receives no credit, but is given a refund of the general registration fee. A student who withdraws after the fifth week of the summer session receives full credit in the courses in which he is passing at the time of his withdrawal. If a student is to receive either a refund of fees or academic credit, he is required to attend classes to within ten days of reporting for military service.

**CREDIT FOR MILITARY SERVICE.** A maximum of 8 semester hours of college credit for basic military training, or 16 semester hours for officer's training, will be granted to a student who, after completing his military service, enrolls in the university and presents an official statement certifying the length of time in service and his rank. A deduction in the amount of credit allowed will be made for those students who have had the equivalent amount in R.O.T.C.

If a student is within one semester of graduation, he may receive his



ENTRANCE TO EDWIN WATTS CHUBB LIBRARY

credit due for military service without enrolling in the university, provided he has met his curriculum and scholastic requirements for a degree and provided the amount of credit granted is sufficient to complete the total semester hours required for graduation. The student will be graduated *in absentia*.

**GRADES AND POINT SYSTEM.** The grading system is as follows: A, very high; B, high; C, average; D, passing; F, failure; I, incomplete; W, withdrawn, WP, withdrawn passing; and WF, withdrawn failing.

For each semester hour of credit with the grade of A, a student receives four points; B, three points; C, two points; D, one point; I, no points until the final grade is determined; F and WF, no points. A student's semester average is determined by the grades reported at the close of the semester. WP does not affect a student's scholastic average. The number of semester hours of F, WF, and I are counted as hours attempted in computing a student's scholastic average.

**FINAL EXAMINATIONS.** All students are required to take final examinations in order to receive credit. Final examinations are held during the last week of a session.

**RESIDENCE.** The minimum residence requirement for a degree or a diploma is two semesters or the equivalent in summer sessions which should total not fewer than 30 weeks. During the 30 weeks in residence, a student must complete a total of 30 semester hours. A student must be in residence during the session in which the degree is granted unless he has been granted permission to graduate *in absentia*.

**APPLICATION FOR GRADUATION.** A candidate for graduation must make application for graduation in the registrar's office not later than the dates given in the university calendar. The diploma fee for a degree is \$10; for a diploma, \$2.50.

**UNIVERSITY CATALOG.** For complete details concerning university regulations and requirements and for a description of course offerings, see the general catalog of the university which will be mailed upon request made to the Registrar and Director of Admissions, Ohio University, Athens, Ohio.

## LIVING ACCOMMODATIONS

Since all students are required to live in university-approved rooms, rooming arrangements should be made in advance through the offices of the dean of women or the dean of men.

Howard Hall will be open for the accommodation of women students during the summer session. The charges for room rent are (double room) \$2.50 to \$3 a week, with a limited number of single rooms available at from \$3.25 to \$4 a room. The charge for board is \$6 a week, a rate which will be maintained as long as possible. In the event of continued or excessive rises in food costs, however, the university reserves the right to adjust the rate accordingly. The full charge for room and board for the semester or term is payable on or before the end of the first week of school. Special arrange-

ments may be made for installment payments. Applications for dormitory rooms should be filed with the dean of women. A \$5 retaining fee must accompany the application.

The Men's Dormitory will not be available for students during the summer session. The Men's Cooperative Living System offers room and board at reduced rates to men who find it necessary to live conservatively. Room rent in the cooperative system is \$1.50 a week, or \$12 for the eight-week session. The cost of board, which depends upon prevailing food prices, averaged \$4 a week during the past year. This low charge is made possible by the cooperative plan in which each member shares in the work of the kitchen and dining hall. Application should be made at the office of the dean of men.

A list of approved rooms in private homes is maintained by the offices of the dean of women and the dean of men and will be available upon request. Prices range from \$2 to \$3 a week per student for double rooms, and \$2.50 to \$4 for singles.

A list of small apartments, approved by the university, is maintained by the office of the dean of men for the convenience of married students. The rent varies from \$20 to \$40 a month. A list of these apartments is available upon request.

### FEES AND EXPENSES

The general registration (tuition) fee is \$40 each semester for an Ohio resident and \$65 for a non-resident.\* An athletic, lecture, and entertainment fee of \$5, a health fee of \$4, and a library fee of \$1 are charged each student.

For the eight-week summer session the fees for residents of Ohio are: general registration, \$20; athletic, lecture, and entertainment, \$2.50; health, \$2; and library, \$.50. The registration fee for non-residents (except those from Massachusetts and New York) is \$32.50.

Students enrolled in the post summer session, August 6 to August 25, will pay a course fee of \$5 per semester hour of credit.\*\* The maximum load is three credit hours.

A student in attendance at Ohio University for the eight-week summer session may expect to spend approximately \$93 for the following items: general registration, A.L.E., health, and library fees (\$25); rent of room, double (\$20); and board, average rate (\$48).

Fees are assessed at registration time and are payable at the treasurer's office. Registration fees for the summer sessions are payable on the first two days of each session. There is an additional fee for late registration or the

\*Students coming from states which do not have state universities similar in scope and standards to Ohio University pay a general registration fee of \$90 each semester session and \$45 for an eight-week summer session. These states are Massachusetts and New York.

\*\*There is no general registration fee for residents of Ohio. A registration fee for non-residents (except those from Massachusetts and New York) will be charged at the rate of \$2 for the first credit hour and \$1.50 for each additional credit hour. Residents of Massachusetts and New York will pay a registration fee of \$8 for the first credit hour and \$3 for each additional credit hour. These registration fees are in addition to the course fee of \$5 per credit hour.

late payment of fees. In addition to the registration fees, there are some miscellaneous fees and occasional laboratory or breakage fees. These fees are nominal in amount, and will be found listed in the general catalog of the university. In general, laboratory fees are assessed at the rate of \$1 for each semester hour of credit.

## UNIVERSITY ORGANIZATION

Inquiries relative to a college and its offerings may be addressed to the office of the dean of the college.

### THE UNIVERSITY COLLEGE

The University College is the freshman division of the university. Its purpose is to help beginning students to adjust more easily and effectively to university life and study. Through the faculty counseling program and the arrangement of studies in the freshman year, high school graduates are insured valuable orientation and guidance opportunities.

A period of orientation has been found necessary in higher educational institutions because entering students so frequently find difficulty in choosing subject fields for concentration of study. In the University College, students may register for courses to test present interests and to develop new ones. The freshman year at Ohio University offers a wide variety of opportunities for preparation in those fields in which the student will concentrate study for the three remaining years of his course. The work of this year is an introduction to the studies which are traditionally associated with a liberal education at the university level and is the basis in general education for preparatory work for many of the professions.

The first year in the university and the four years a student has spent in high school are considered as a five-year unit. Such a program insures that necessary areas in which a student is lacking in high school experience, and, therefore, may be considered as being deficient, are completed in the first year of the university before specialized study is undertaken.

When upper-class students and students transferring from other institutions are lacking in certain specified requirements, they, too, are registered in the University College. The work of students pursuing the special one and two-year courses is also directed by the University College. The one and two-year curricula include opportunities for preparation for special army and navy enlistments.

The freshman year in the University College and the three years in one of the degree colleges of the university constitute the four years required for the baccalaureate degree. The four-year period can be shortened by adopting the accelerated program.

## THE COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences offers in the eight-week summer session a well-balanced program of courses to meet the needs of students in all ranks, including freshmen, upperclassmen, and students pursuing elective work. The interests of war veterans will be given special attention. Students desiring to spend eleven weeks in summer study and wishing to complete eleven or twelve hours of credit are advised to plan the eight-week and the three-week sessions together.

Curricula are offered for premedical, predental, nursing, and medical technology students, as well as for students preparing to enter industrial chemistry, government conservation work, law, and social service as a profession. Premedical or predental students may still prepare for admission to a few medical schools or dental schools in four or five semesters, though they are advised to correspond with such schools in advance and inform themselves on the particular course requirements needed for admission. The course in medical technology can now be completed in six semesters followed by one year spent at Mount Carmel Hospital, Columbus, Ohio. For the clinical year in medical technology, special scholarships, worth up to \$300 and made possible by a grant from the Kellogg Foundation, are available.

The College of Arts and Sciences confers the degrees: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Chemistry. In working toward any of these degrees, a student may select from a wide range of subjects and have a considerable choice of electives. The college provides courses designed to give a broad liberal education. The program of the student enrolled in the college is planned to enable him to understand both oral and written English, to evaluate critically the ideas and actions of others, to recognize the moral values and purposes which inspire the lives of men, to know about the affairs of men, as well as the forces of nature, and to choose a profession or vocation, that he may better serve society as a competent and morally responsible individual.

In completing the requirements for the Bachelor of Arts degree, the student is free to choose a major and a minor from English, a foreign language and literature, one of the fine arts, a natural science or mathematics, or a social science. The requirements for the Bachelor of Science degree include 54 hours in the natural sciences and mathematics, while the Bachelor of Science in Chemistry degree requires 83 hours in chemistry and the other natural sciences and mathematics. Detailed information concerning courses being offered in botany, chemistry, classical languages, English, geography and geology (including meteorology), German, government, history, mathematics, personal relations, philosophy, physics, psychology, Romance languages, sociology, and zoology may be found elsewhere in this bulletin and in the general catalog. Students who wish to complete the requirements for certification to teach in the various fields will find required subjects available in the various departments and in the College of Education.

## THE COLLEGE OF EDUCATION

The College of Education is devoted to the education of men and women who intend to enter the fields of teaching and educational administration. The degree, Bachelor of Science in Education, is granted upon completion of a curriculum covering a course of four years with specialization in elementary education, in any of the academic fields for teaching in high schools, or in the special subjects of art, commerce, dramatic art and speech, guidance and counseling, home economics, industrial arts, music, or physical welfare. A student may finish a four-year course in less than three calendar years by attending summer sessions.

Because of the emergency situation, a student seeking a *temporary certificate* to teach high school subjects in which there is a shortage of teachers will be permitted to take student teaching near the close of his junior year, provided he has (1) acquired at least 75 semester hours of credit, (2) met the English, speech, and point average requirements prerequisite to student teaching, and (3) completed prerequisite courses in the major in which he will be expected to do his student teaching.

Students, however, who are financially and otherwise able to remain in college until the bachelor's degree has been earned ought to do so. There will, no doubt, be later emergencies which will make it very advisable for a student to have his degree at as early a date as possible and before going into teaching or other kind of employment.

During the war emergency period, the College of Education will continue to offer three-year diploma courses for those who wish to become kindergarten-primary or intermediate grade teachers. To earn a three-year diploma, a student must complete 94 hours of work with a point-hour ratio of 2.000 in all hours attempted, including the completion of specified courses. The appropriate four-year provisional certificate will be issued upon completion of the studies required for the three-year diploma.

Since there is a shortage of fully certified teachers for the elementary school, temporary certificates may be issued upon the request of the employing superintendent. To be eligible for such a certificate *a student must have completed 64 semester hours (two years) in specified subjects* selected from one of the three-year courses, including student teaching.

Opportunity will be afforded for work in Observation and Participation and Student Teaching during the eight-week summer session in kindergarten, all elementary grades, and some subjects in high school. A student should make his request early for a reservation. Address all inquiries to Dean T. C. McCracken, College of Education, Ohio University, Athens, Ohio.

*Teachers are needed.* More than 800 schools were without teachers in Ohio on October 1, 1944. Approximately 5,000 temporary certificates were issued in Ohio between August 1 and December 1, 1944. More than 4,250 teachers left their teaching positions in Ohio between June and October, 1944. Now is a good time to prepare for teaching with assurance of a permanent position at a reasonably good salary. The program of the College of Education at Ohio University gives opportunity for continuous preparation looking toward an early entrance into the teaching profession.

## THE COLLEGE OF COMMERCE

Course offerings of the College of Commerce for the 1945 Summer Sessions are sufficiently comprehensive to meet the needs of almost any student whether he be a freshman, upperclassman, special student, or student in another college.

The College of Commerce offers curricula leading to the degrees of Bachelor of Science in Commerce, Bachelor of Science in Journalism, and Bachelor of Science in Secretarial Studies. All stress cultural background as well as professional specialization. They are flexible enough to permit the development of any individual's special interest which is approved by the college.

The curricula in commerce enable a student to emphasize one or more of several fields including accounting, advertising, banking, business law, pre-law-school preparation, economics, finance, labor, management or personnel, marketing, taxation, statistics, etc.

The curricula in journalism combine classroom courses with actual experience on the staff of a daily newspaper. Six of these curricula are: general writing and editing, feature and magazine writing, advertising, business management, radio journalism, and pictorial journalism.

The main purpose of the curriculum in secretarial studies is to prepare secretaries for responsible positions in business and other institutions, and for civil service. However, a large number of students who take secretarial subjects are College of Education students minoring or majoring in the field of secretarial studies.

The College of Commerce cooperates with the College of Education and offers both teaching minors and majors. The teaching majors include book-keeping-social business, business education, economics, salesmanship-merchandising, and stenography-typewriting.

More complete details about the College of Commerce, its course offerings, its curricula, its degrees, and its attention to the individual student's interest through its advisory system will be found in the general catalog of the university, a copy of which will be sent upon request.

## THE COLLEGE OF APPLIED SCIENCE

The College of Applied Science is composed of the departments of agriculture, aviation, civil engineering, electrical engineering, and industrial arts, and the School of Home Economics. It offers work leading to the following degrees: Bachelor of Science in Agriculture, Bachelor of Science in Architectural Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Industrial Engineering, and Bachelor of Science in Home Economics. The basic curricula emphasize fundamentals rather than specialization, but options are offered for those who wish to further their specialization.

Offerings in aviation have been expanded to include an Aeronautical Engineering option under the Civil Engineering curriculum. The University also has reopened its airport and other flight training facilities to civilian students and is operating a C.A.A.-Approved Primary Flying School under Air Agency Certificate No. 2672. Inquiries about the flight training program may be addressed to the Office of the Dean, College of Applied Science.

The School of Home Economics offers four curricula leading to the degree of Bachelor of Science in Home Economics. In each curriculum the fundamentals of art and science are integrated with home economics for the improvement of home and family life. In addition, each provides specialization for professional work.

The curriculum in General Home Economics is planned to equip women for the efficient and successful administration of the home, and provides an understanding and appreciation for the home and family life. This curriculum when supplemented with required courses in the College of Education, certifies the graduate for teaching in junior and senior high schools.

The curriculum for specialization in Foods and Nutrition provides training in dietetics, institutional management, research, and food demonstration work. This curriculum fulfills the requirements of the American Dietetic Association for student dietitians.

Several options are available in the Home Economics in Business curriculum. These include specialization in (a) Textiles and Clothing, (b) Equipment and Public Utility, and (c) Home Planning and Decoration. In addition to home economics, courses in economics, marketing, and advertising are taken in the College of Commerce.

The curriculum in Family Relationships and Child Development provides training for positions in social welfare agencies and in nursery schools.

Candidates for degrees in engineering who entered the university after September 1, 1940, will complete a minimum of 140 semester hours with a point-hour ratio of 2.000 in all hours attempted. Candidates for degrees in home economics and agriculture, who entered after September 1, 1940, will complete a minimum of 124 hours, with a point-hour ratio of 2.000 in all hours attempted.

More complete details about the College of Applied Science, its course offerings, its curricula, and its degrees will be found in the general catalog of the university, a copy of which will be sent upon request.

## THE COLLEGE OF FINE ARTS

Composed of three schools, the School of Dramatic Art and Speech, the School of Music, and the School of Painting and Allied Arts, the College of Fine Arts is designed to offer a student a liberal, cultural education in the

fine arts and a thorough preparation in one of the three specialized fields. The Bachelor of Fine Arts degree with emphasis in one of the three divisions is awarded to students who successfully complete the prescribed curriculum.

For the degree of Bachelor of Fine Arts, a minimum of 32 semester hours for a major in (a) dramatic art and speech, (b) music, or (c) painting and allied arts and a minor of 12 semester hours in each of the other two fields are required. In certain special cases the second minor may be held to a minimum of 8 semester hours with the consent of the dean of the college and the directors of the schools.

A candidate for the degree of Bachelor of Fine Arts who is preparing to teach should plan his program to fulfill the requirements for a teaching certificate.

Candidates for the degree who entered the university before September 1, 1940, are required to have 124 semester hours and 248 scholastic points; candidates who entered after September 1, 1940, are required to complete the general graduation requirements, which include a minimum of 124 semester hours with a point-hour ratio of 2.000 in all hours attempted.

The program of the College of Fine Arts has been planned to permit great flexibility in the selection of courses in order to meet the needs of individual students.

### THE GRADUATE COLLEGE

The Graduate College provides a fifth year of advanced specialized training designed to give a more thorough and fundamental understanding of some field of study, and confers the degrees: Master of Arts, Master of Science, Master of Education, and Master of Fine Arts.

The program of each student is prepared in accordance with certain general principles established by the Graduate Council, which aim to provide for independent study and investigation by the student, as well as for further formal training in major and minor fields. When the proposed plans of a student seem to call for a program that is unified and consistent though not in accord with the principles adopted, such individual program is taken before the Graduate Council for action. Flexibility in the hands of the Graduate Council avoids too great a mechanical emphasis on knowledge broken up into units and the evaluation of a student's work solely on the basis of hours of credit earned.

Students registered in the college and those wishing to begin graduate work will find a varied list of courses scheduled in the eight-week session. Courses numbered 200-399, when approved by an adviser or the dean, carry graduate credit. For the convenience of teachers and others who wish to register for three or four additional hours, provision is made for the completion of courses on an intensive basis in the three-week session, August 6 to August 25.

Students holding a bachelor's degree from an accredited college or university are eligible for admission to the Graduate College. Applicants from some unaccredited institutions are admitted conditionally. Application blanks may be obtained from the office of the registrar. Graduates from Ohio University need not file an official transcript of their undergraduate work. Upon being admitted to the college, a student confers with the dean regarding his plans for graduate study, at which time arrangement for faculty advisers in the major and minor fields is made.

The requirements for the master's degree include a minimum of 32 semester hours of approved work (including a thesis carrying four to eight hours' credit) and a minimum of 30 weeks of residence unless credit has been transferred from another institution. In such cases a minimum of 24 weeks of residence is required. A maximum of eight semester hours may be transferred from approved institutions. A maximum of six semester hours of approved work may be taken in extension classes. In general, all the requirements for the master's degree may be completed in one year (or 32 weeks) of residence, although many students take more time. Some serve as graduate assistants half time, others take their work in summers only, while a few carry part-time graduate work while they are employed full time.

A formal, oral examination covering the thesis subject and courses taken is given by a committee representing the major and minor fields and the Graduate Council.

### THE DIVISION OF PHYSICAL WELFARE

The Division of Physical Welfare offers undergraduate and graduate courses for men and women students who wish to major or minor in physical education, health, and recreation. Students are trained to teach or supervise in the following fields: elementary and secondary schools; colleges; state departments of education; city, rural, and industrial recreation; and summer camps and playgrounds.

By fulfilling the requirements, students who wish to major in the Division of Physical Welfare may apply for the following degrees: Bachelor of Science, Bachelor of Arts, or Bachelor of Science in Education.

Men students are required to take from two to six semester hours of physical education according to their ability to pass tests set up by the Division of Physical Welfare. The physical education requirement for women is four semester hours.

The division maintains two gymnasia, one for men and the other for women, and offers facilities for expression in sports, rhythemics, and swimming. Tennis courts and athletic fields are available for summer session students. Each afternoon, except Saturday, the division offers a recreational hobby project designed to meet the interests and needs of students. Instruction is given to volunteer groups in the activities desired. Instruction is also given in social and square dancing. Students interested in these activities should consult a member of the staff of this division.

## THE UNIVERSITY EXTENSION DIVISION

The Extension Division offers two types of service whereby students may earn college credit while living at home—extension classes and correspondence study.

Extension classes are organized in any community within a reasonable distance of the university provided the required number of students can agree upon a course. The number of students required depends upon the distance from the campus. The instructor meets the class once a week.

The Extension Division will arrange a program of evening college classes at the freshman level in a community, provided the enrollment is large enough to justify the effort and provided the local board of education will apply for it and will agree to cooperate. It is possible for a student to earn sufficient credit at home under this program to enter Ohio University as a sophomore.

Under certain conditions six semester hours of extension class credit can be applied toward the master's degree.

The correspondence division offers over 230 courses, taught by members of the regular faculty from over 30 departments. The courses appeal to persons who want to engage in systematic study during their spare time. Qualified students are accepted at any time.

In extension classes and in correspondence study, students may earn 40 semester hours of credit to apply toward a bachelor's degree.

The requirements for admission to the university with the exception of the college ability test, apply to students who register in the Extension Division for either class work or correspondence study.

Ohio University is a member of the National University Extension Association. This association is made up of over 50 recognized colleges and universities that maintain divisions of university extension. It promotes standards by strict procedures for admission to membership.

Persons interested should write to the Extension Division, Ohio University, Athens, Ohio, for a special bulletin and other information.

## THE DIVISION OF MILITARY SCIENCE AND TACTICS

Work will be offered in the Division of Military Science and Tactics during the summer session. Classes will meet daily and full credit for one semester of work will be given. The following explanation of military training at the university is included in the bulletin for the benefit of any beginning students and for the general information of all students at the university:

Beginning with the fall semester of 1943, and effective for the duration of the war, all physically fit male students between the ages of 14 and 24,

inclusive, are required to register for military science and tactics as follows: students classified as freshmen, sophomores, and first-semester juniors are required to register for four consecutive semesters, or until the basic infantry training has been completed. Second-semester juniors (those having completed at least 70 semester hours of credit) and seniors, unless excused in special cases, are required to register for military science each semester until they have completed the basic infantry training or are graduated. This requirement does not apply to veterans.

All necessary training equipment and the principal articles of the uniform are issued to basic course students by the Federal Government without cost. Articles so issued remain the property of the government and must be returned.



SUPER HALL—ENGINEERING, PHYSICS, INDUSTRIAL ARTS

## COURSES OF INSTRUCTION

The university operates on a five-day basis. There will be no Saturday classes. Normally, a class carrying three hours of credit will meet daily (Saturday not included) for one hour; a class carrying two hours of credit, on Monday, Wednesday, and Friday; and a class carrying one hour of credit, on Tuesday and Thursday.

The catalog number indicates the student classification for which the course is designed. The numbers are grouped as follows: 1 to 99, for University College students; 100 to 199, for undergraduate students; 200 to 299, for advanced undergraduate and graduate students (not open to sophomores even though they have fulfilled the prerequisites for the courses); and 300 to 399, for graduate students.

### AGRICULTURE

Catalog Number	Title of Course	Credit Hours	Time	Instructor
102	Vegetable Gardening	3	7:00 daily ; arr.	Ellis
109	Landscape Gardening	3	9:20 daily ; arr.	Wiggin
116	Field Crops	3	8:10 daily ; arr.	Ellis
121	Types and Breeds of Farm Animals	3	10:30 daily ; arr.	Wiggin
201	Farm Practices	3	Arranged	Ellis, Wiggin

### AVIATION

100	Elementary Aviation	2	11:40 MWF	Wilsey
123	Engineering Materials	2	10:30 MWF	Wilsey
197	Controlled Private Ground School	3	1:40 daily ; 2 hrs. arr.	Wilsey
199	Controlled Private Flying	1	Arranged	Smeek

### BOTANY

2	Freshman Botany	3	8:10 daily ; 9:20 TTh	Vermillion
134	Nature Study	3	10:30 daily ; 9:20 MW	Vermillion
168b	Teaching of Botany	2	Arranged	Vermillion
205	Plant Physiology	4	1:40, 2:50 daily	Vermillion
220	Botanical Problems	1-6	Arranged	Vermillion
281	Research in Botany	1-6	Arranged	Vermillion
395	Thesis	1-8	Arranged	The Staff

### CHEMISTRY

1	General Chemistry	4	10:30 daily ; 1:40, 2:50 TTh ; 2 hrs. arr.	Gullum
2	General Chemistry	4	10:30 daily ; 1:40, 2:50, 4:00 TTh	Clippinger, Eblin
105	Qualitative Analysis	3	9:20 TTh ; Lab. arr.	Gullum
106	Qualitative Analysis	3	Arranged	Gullum
107	Quantitative Analysis	4	8:10 MWF ; 1:40, 2:50, 4:00 MWTh	Clippinger
113	Organic Chemistry (short course)	4	10:30 daily ; 11:40 TTh	Eblin
117	Organic Chemistry Laboratory	2	1:40, 2:50, 4:00 MWF	Eblin
168s	Teaching of Chemistry and Laboratory Practice	2	Arranged	The Staff
251	Special Problems in Chemistry	1-3	Arranged	The Staff
395	Thesis	1-4	Arranged	The Staff

## CIVIL ENGINEERING

Catalog Number	Title of Course	Credit Hours	Time	Instructor
1	Engineering Drawing	2	7:00 daily ; 4 hrs arr. before 11:40	Thomas
2	Engineering Drawing	2	7:00 daily ; 4 hrs arr. before 11:40	Thomas
74	The Slide Rule	1	10:30 TTh	Thomas

## CLASSICAL LANGUAGES

## LATIN

121	Sallust	3	9:20 daily	Jolliffe
165r	Teaching of Latin	2	11:40 MWF	Jolliffe
231	The Life of the Romans	2	8:10 MWF	Jolliffe
239	Readings in Latin Literature	3	10:30 daily	Jolliffe
240	Special Work in Latin	2	Arranged	Jolliffe
312	Sallust's Catiline and Jugurtha	3	9:20 MTWTh ; 1 hr. arr.	Jolliffe
395	Thesis	1-8	Arranged	The Staff

## COMMERCE

## ACCOUNTING

75	Elementary Accounting*	3	7:00, 8:10 daily	Fenzel
76	Elementary Accounting†	3	7:00, 8:10 daily	Fenzel
125	Intermediate Accounting	3	9:20 daily	Fenzel
281	Research in Accounting	2-8	Arranged	The Staff

## ADVERTISING

155	Principles of Advertising	3	9:20 daily	Paynter
281	Research in Advertising	2-8	Arranged	The Staff

## BUSINESS LAW

155	Business Law*	3	8:10, 9:20 daily	Dykstra
156	Business Law†	3	8:10, 9:20 daily	Dykstra
175s	Government and Business	3	10:30 daily	Dykstra
281	Research in Law	2-8	Arranged	The Staff

## ECONOMICS

1	Economic Development of the United States	3	9:20 daily	Picard
101	Principles of Economics*	3	8:10, 9:20 daily	Gubitz
102	Principles of Economics†	3	8:10, 9:20 daily	Gubitz
212	Administration of Personnel	3	10:30 daily	Gubitz
228	Economics of Peace	3	8:10 daily	Picard
230	History of Economic Thought	3	11:40 daily	Picard
281	Research in Economics	2-8	Arranged	The Staff

## FINANCE

101	Money and Credit	3	11:40 daily	Hanson
121	Business Finance	3	10:30 daily	Hanson
281	Research in Finance	2-8	Arranged	The Staff

## JOURNALISM (See Journalism)

## MANAGEMENT

				MARKETING
155	Marketing Principles	3	11:40 daily	Paynter
201	Retail Selling Policies	3	10:30 daily	Paynter
281	Research in Marketing	2-8	Arranged	The Staff

\*Offered first four weeks.

†Offered second four weeks.

## SECRETARIAL STUDIES

Catalog Number	Title of Course	Credit Hours	Time	Instructor
15	Typewriting	2	11:40 daily ; 3 hrs. arr.	Hardenburg
31	Shorthand	3	10:30 daily	Hardenburg
120	Business Letter Writing	3	9:20 daily	Sponseller
151s	Beginning Dictation and Transcription	4	8:10, 9:20 daily	Hardenburg
175	Secretarial Practice	4	11:40 daily ; 6 hrs. arr.	Sponseller
180	Operation of Office Machinery	2	10:30 daily ; 2 hrs. arr.	Sponseller
237	Administration in Business Education	3-6	Arranged	Sponseller
287	Research in Business Teaching Problems	2-8	Arranged	Sponseller
395	Thesis	1-8	Arranged	Sponseller

## STATISTICS

155	Business Statistics*	3	7:00, 8:10 daily	Adamson
156	Business Statistics†	3	7:00, 8:10 daily	Adamson
281	Research in Business Statistics	2-8	Arranged	The Staff

## EDUCATION

## ELEMENTARY EDUCATION

55	Home Economics for the Elementary School	2	8:10, 9:20 TTh ; 8:10 W	Patterson
114	Workshop in Extended School Services**	3	9:20, 10:30, 11:40 daily ; 1:40, 2:50 TTh	Quick, Beechel, Wilson, Supervisors
115	Elementary Industrial Arts	1	11:40 TTh	Kinison
211	The Child and the Curriculum	3	1:40, 2:50 MWF	Yauch
246b	Workshop in Elementary Education‡	3	9:20, 10:30, 11:40 daily ; 1:40, 2:50 TTh	Quick, Beechel, Wilson, Supervisors

## HISTORY AND PHILOSOPHY

255	Philosophy of Education	3	11:40 daily	Shoemaker
256	Progressive Education	3	8:10 daily	Yauch
258	The Evolution of Educational Thought	3	10:30 daily	Shoemaker

## KINDERGARTEN-PRIMARY

2	Literature for Children	3	10:30 daily	Staff Member
101	Activities for Early Childhood	3	1:40, 2:50 MWF	Staff Member
114	Workshop in Extended School Services**	3	9:20, 10:30, 11:40 daily ; 1:40, 2:50 TTh	Quick, Beechel, Wilson, Supervisors
201	The Child and the Curriculum	3	1:40, 2:50 MWF	Yauch
204	Studies in Early Childhood Education	3	7:00 daily	Staff Member
246b	Workshop in Elementary Education‡	3	9:20, 10:30, 11:40 daily ; 1:40, 2:50 TTh	Quick, Beechel, Wilson, Supervisors

## RESEARCH AND SCIENTIFIC TECHNIQUES

284	Research in Education***	2-6	Arranged	The Staff
287	Research in Business Teaching Problems	2-8	Arranged	Sponseller
395	Thesis	4-8	Arranged	The Staff

\*Offered first four weeks.

†Offered second four weeks.

\*\*This course begins July 9 and closes July 27.

‡This course begins June 11 and closes June 29.

\*\*\*Students report to Dean T. C. McCracken for assignment.

## SCHOOL ADMINISTRATION AND SUPERVISION

Catalog Number	Title of Course	Credit Hours	Time	Instructor
141	Audio-Visual Education	2	2:50, 4:00 TTh	Yauch
237	Administration in Business Education	3-6	Arranged	Sponseller
243	The Federal Government and Education	3	9:20 daily	Hansen
244	Problems in School Administration	3	8:10 daily	Dixon
248	Guidance	2	9:20 MWF	Smith
250h	Problems in the Teaching of Home Economics	1-3	Arranged	Patterson
350h	Special Problems in the Teaching of Home Economics	2-6	Arranged	Patterson

## SECONDARY EDUCATION

130	Principles of Secondary Education	3	8:10 daily	Shoemaker
131	Educational Tests and Measurements	2	8:10 MWF	Benz
230	High School Administration	3	7:00 daily	Benz
232	The High School Curriculum	2-3	1:40 daily	Benz

## SPECIAL EDUCATION

122	Diagnosis and Remedial Instruction in Elementary Subjects	2	7:00 MWF	DeLand
225	Problems in Special Education—The Slow Learner	2-6	Arranged	DeLand

## STUDENT TEACHING AND OBSERVATION

## Observation and Participation

171	Observation and Participation in Kindergarten-Primary Grades	2	Daily, arr ; conference 4, 5 M	McCracken
175	Observation and Participation in Intermediate Grades	2	Daily, arr ; conference 4, 5 M	McCracken
180	Observation and Participation in High School, Academic Subjects	2-3	Daily, arr ; conference 4, 5 W	McCracken
182	Observation and Participation in Special Subjects—Art, Music, Physical Welfare, Commerce, Home Economics, Industrial Arts	2-3	Daily, arr ; conference 4, 5 W	McCracken and Dept. Supervisors

## Student Teaching

172	Student Teaching in Kindergarten-Primary Grades	3	Daily, arr ; conference 4, 5 M	McCracken
173	Student Teaching in Kindergarten-Primary Grades	2	Daily, arr ; conference 4, 5 M	McCracken
174	Advanced Student Teaching in Kindergarten-Primary Grades	2-4	Daily, arr ; conference 4, 5 M	McCracken
176	Student Teaching in Intermediate Grades	3	Daily, arr ; conference 4, 5 M	McCracken
177	Advanced Student Teaching in Intermediate Grades	2-4	Daily, arr ; conference 4, 5 M	McCracken
178	Student Teaching in Special Education	3	Daily, arr ; conference 4, 5 M	McCracken
181	Student Teaching in High School, Academic Subjects	3-4	Daily, arr ; conference 4, 5 W	McCracken, DeLand
183	Student Teaching in Special Subjects—Art, Music, and Physical Welfare in the Elementary School	2	Daily, arr ; conference 4, 5 M	McCracken and Dept. Supervisors
184	Student Teaching in Special Subjects—Art, Music, and Physical Welfare in the High School	2	Daily, arr ; conference 4, 5 W	McCracken and Dept. Supervisors
185	Student Teaching in Special Subjects—Commerce, Home Economics, and Industrial Arts in High School	3-4	Daily, arr ; conference 4, 5 W	McCracken and Dept. Supervisors

## TEACHING TECHNIQUES

## Botany

168b	Teaching of Botany	2	Arranged	Vermillion
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CUTLER TOWER—AN HISTORIC LAND MARK

Chemistry				
Catalog Number	Title of Course	Credit Hours	Time	Instructor
168s	Teaching of Chemistry and Laboratory Practice	2	Arranged	The Staff
Elementary Education				
163b	Teaching of Reading and Language	2-4	11:40 daily ; arr.	Smith
163g	Teaching of Arithmetic in Intermediate Grades	3	7:00 daily	Smith
English				
164b	Teaching of English in the Sr. High School	2	10:30 MWF	Wray
History				
169h	Teaching of History and Civics in Jr. and Sr. High Schools	2	7:00 MWF	Smith
Journalism				
164j	Teaching of High School Journalism	2	11:40 MWF	Lasher
Latin				
165r	Teaching of Latin	2	11:40 MWF	Jolliffe
Music				
166e	Teaching of Music in Elementary Grades	2	11:40 MTThF	Maaser
166j	Teaching of Music in Jr. and Sr. High Schools	3	10:30 daily	Blayne
166v	Teaching of Class Voice	1	11:40 MTThF	Blayne
Painting and Allied Arts				
160e	Teaching of Design for Early Childhood	1	7:00, 8:10 T	Work
160g	Teaching of Design for Intermediate and Higher Grades	1	7:00, 8:10 T	Work
Physical Welfare				
167h	Teaching of Health	2	1:40 MWF	Trepp
167p	Teaching of Physical Education	1	9:20 TTh	Bird
167s	Teaching of Swimming (Women)	1	Arranged	Kellner
Physics				
168p	Teaching of Physics	2	9:20 MWF	Edwards

## ELECTRICAL ENGINEERING

101	Fundamentals of Radio	3	8:10 MWF ; Lab. 8:10, 9:20 TTh	Green
209	Ultra High Frequency Techniques	3	10:30 MWF ; Lab. 9:20, 10:30 TTh	Green

## ENGLISH

3	English Composition	3	8:10 daily	McQuiston
3	English Composition	3	9:20 daily	Foster
4	English Composition	3	8:10 daily	Lash
101	Sophomore English Literature	3	9:20 daily	Lash
102	Sophomore English Literature	3	9:20 daily	Wray
111	The Chief American Writers	3	9:20 daily	Peckham
112	The Chief American Writers	3	8:10 daily	Peckham
135	The Bible as Literature	2	8:10 MWF	Foster
150	The Short Story	2	7:00 MWF	McQuiston
164b	Teaching of English in the Sr. High School	2	10:30 MWF	Wray
175	Creative Writing	2	1:40 MWF	Mackinnon
202	Shakespeare	3	9:20 daily	McQuiston

## ENGLISH—(Continued)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
213	English Prose Fiction	3	9:20 daily	Mackinnon
224	Continental Novel	2	10:30 MWF	Lash
226	American Literature	3	10:30 daily	Foster
234	Modern Continental Drama	2	11:40 MWF	Peckham
250	Books of the Season	3	10:30 daily	Mackinnon
258	Middle English	3	8:10 daily	Wray
395	Thesis	1-8	Arranged	The Staff

## FINE ARTS

## DRAMATIC ART AND SPEECH

1	Fundamentals of Speech	1	10:30 TTh	Andersch
2	Voice and Articulation	2	7:00 MWF	Andersch
2	Voice and Articulation	2	8:10 MWF	Andersch
34	Oral Interpretation of Literature	3	8:10 daily	Staats
103	Introduction to the Theatre	3	10:30 daily	Staff Member
105	Play Production	3	11:40 daily	Staff Member
110	Parliamentary Law	1	9:20 TTh	Staats
112	Public Discussion	1	1:40 TTh	Staats
147	Theatre Laboratory	1-2	Arranged	Staff Member
195	Speech Correction for Classroom Teachers	3	Arranged	Andersch
247	Radio Workshop	1-2	Arranged	Staff Member
391	Seminar in Speech	2-3	Arranged	Staats

## MUSIC

3	Ear Training and Sight Singing	1	10:30 daily	Maaser
7	Music Appreciation	1	2:50 MW	Ingerham
71	Introduction to School Music	2	9:20 daily	Maaser
72	Music Fundamentals	2	9:20 daily	Blayne
105	Harmony	2	9:20 daily	Kresge
120	Instrumentology	2	1:40 MTThF	Janssen
166e	Teaching of Music in Elementary Grades	2	11:40 MTThF	Maaser
166j	Teaching of Music in Jr. and Sr. High Schools	3	10:30 daily	Blayne
166v	Teaching of Class Voice	1	11:40 MTThF	Blayne
171	Music Materials and Systems	2	2:50 MTThF	Blayne
175	Music Appreciation for Grade Teachers	2	1:40 MTThF	Maaser

## Applied Music

Organ	1/2-1	Arranged	Kresge
Percussion Instruments	1/2-1	Arranged	Janssen
Piano	1/2-1	Arranged	Fontaine, Kresge
Stringed Instruments	1/2-1	Arranged	Ingerham
University Band	1	4 TTh	Janssen
University Glee Club (Women)	1	4 MW	Robinson
University Orchestra	1	4 MW	Ingerham
Voice	1/2-1	Arranged	Robinson, Roach
Wind Instruments (Brass)	1/2-1	Arranged	Janssen
Wind Instruments (Wood)	1/2-1	Arranged	Janssen

## PAINTING AND ALLIED ARTS

3	The Arts for Elementary Teachers	2	9:20, 10:30 MWF	Way
11	Theory of Design	2	7:00, 8:10 MWF	Work
49	Costume Appreciation	1	10:30 TTh	Way
77	Elementary Photography	2	1:40 TTh; arr.	Shipman
103	Practical Design	2	1:40, 2:50 MWF	Way
125	The Arts in Everyday Life	2	11:40 MWF	Way
127	Workshop in the Space Arts	1-6	Arranged	The Staff

## PAINTING AND ALLIED ARTS—(Continued)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
143	Photographic Processes	3	4:00 MTWTh; arr.	Shipman
145	Practical Photography	3	Arranged	Shipman
157	Appreciation of the Space Arts	1	10:30 TTh	Way
160c	Teaching of Design for Early Childhood	1	7:00, 8:10 T	Work
160g	Teaching of Design for Intermediate and Higher Grades	1	7:00, 8:10 T	Work
205	Painting	2-10	Arranged	Mitchell
241	Advanced Painting	2-10	Arranged	Mitchell
277	Portraiture	5	2:50 MTWTh; arr.	Shipman
281	Research in Design	1-5	Arranged	The Staff
336	Decorative Composition	3	Arranged	Mitchell
395	Thesis	1-8	Arranged	The Staff

## GEOGRAPHY AND GEOLOGY

## GEOGRAPHY

105	Geography of Latin America	3	10:30 daily	Dow
150	Geography and Environment	3	11:40 daily	Dow
280	Research in Geography	1-4	Arranged	Staff

## GEOLOGY

125	Physical Geology	3	8:10 daily; 2 hrs. arr.; Field Trips	Dow
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## GERMAN

1s	Beginning German	3	9:20 daily	Krauss
100	Intermediate German	3	8:10 daily	Krauss
105	Scientific German	2	Arranged	Krauss
221	Contemporary German Short Story	2	Arranged	Krauss
395	Thesis	1-8	Arranged	Krauss

## GOVERNMENT

1	American Government	3	9:20 daily	Smith
2	American Government	3	7:00 daily	Morrison
105	Current Political and Social Problems	2	10:30 MWF	Smith
243	American Political Thought	2	8:10 MWF	Smith
301	Problems in Government	1-3	Arranged	The Staff
395	Thesis	1-8	Arranged	The Staff

## HISTORY

1	A Survey of Western Civilization	3	8:10 daily	Hecht
71	Issues of the Present War (Same as Philosophy 71)	1	1:40 TTh	Martin
111	History of the United States since 1865	3	9:20 daily	Morrison
145	Latin American History	3	8:10 daily	Whitehouse
169h	Teaching of History and Civics in Jr. and Sr. High Schools	2	7:00 MWF	Smith
213	Europe in the Twentieth Century	3	9:20 daily	Hecht
226	Latin America and the United States	2	9:20 MWF	Whitehouse
230	History of Russia	3	11:40 daily	Hecht
279	The Far East	3	10:30 daily	Morrison
395	Thesis	1-8	Arranged	The Staff

## HOME ECONOMICS

Catalog Number	Title of Course	Credit Hours	Time	Instructor
1	Clothing Selection and Construction	3	10:30, 11:40 daily	Morse
21	Selection and Preparation of Food	3	10:30, 11:40 MWF; 10:30 TTh	Patterson
55	Home Economics for the Elementary School	2	8:10, 9:20 TTh; 8:10 W	Patterson
122	Economics of Food	3	8:10 daily	Kahler
216	Clothing Design and Construction	3	8:10, 9:20 daily	Morse
218	Advanced Textiles	3	2:50 daily	Morse
227	Quantity Cookery	3	9:20, 10:30 MWF; 9:20 TTh	Kahler
228	Recent Developments in Food and Nutrition	3	10:30 daily	Roberts
240	Problems in Foods and Nutrition	3	Arranged	Roberts
250h	Problems in the Teaching of Home Economics	1-3	Arranged	Patterson
255	Demonstration Techniques	2	1:40, 2:50 MWF	Kahler
271	Child Development	2	1:40 TTh; 4 hrs. arr. between 9-12	Staff Member
279	Problems in Child Development	2-4	Arranged	Staff Member
350h	Special Problems in the Teaching of Home Economics	2-6	Arranged	Patterson
395	Thesis	1-8	Arranged	The Staff

## INDUSTRIAL ARTS

1	Engineering Drawing	2	7:00 daily; 4 hrs. arr. before 11:40	Thomas
2	Engineering Drawing	2	7:00 daily; 4 hrs. arr. before 11:40	Thomas
7	Sheet Metal	3	9:20, 10:30 daily	Kinison
9	Craft and Hobby Work	2	11:40 daily	Kinison
11	Graphic Arts (Duplicating)	3	7:00, 8:10 daily	Kinison
115	Elementary Industrial Arts	1	11:40 TTh	Kinison
117	Shop and Machine Maintenance	2	9:20, 10:30 MWF	Kinison
141	Printing	3	7:00, 8:10 daily	Kinison
142	Printing	3	7:00, 8:10 daily	Kinison
144	Multigraph and Multilith Printing	3	7:00, 8:10 daily	Kinison
228	Special Problems in Industrial Arts	3	Arranged	Kinison
381	Research in Industrial Arts	3-6	Arranged	Kinison
395	Thesis	1-8	Arranged	Kinison

## JOURNALISM

103	Introduction to News Writing	3	10:30 daily	Lasher
111	Reporting Practice	2-6	Arranged	Smiley
121	Editing Practice	2-6	Arranged	Harris
130	Book Reviewing	2	9:20 MWF	Lasher
164j	Teaching of High School Journalism	2	11:40 MWF	Lasher
201	Advanced Reporting	2	Arranged	Lasher, Smiley
223	Advanced Feature and Magazine Writing	2	Arranged	Lasher
155	Advertising Principles	3	9:20 daily	Paynter

## MATHEMATICS

5	Freshman Mathematics	5	8:10 daily; 9:20 MWF	Starcher
117	Differential Calculus	4	8:10 daily; 9:20 TTh	Reed
125	Elementary Statistics	3	10:30 daily	Starcher
395	Thesis	1-8	Arranged	Starcher

## MILITARY SCIENCE

Catalog Number	Title of Course	Credit Hours	Time	Instructor
1	Basic Infantry	2	1:40, 2:50 MW; 1:40 F	Lee
101	Basic Infantry	2	Arranged	Lee

## PERSONAL RELATIONS

395	Thesis In Supervision and Guidance of Student Life	1-6	Arranged	Voigt
	Student Life Workshop	0	June 20 to June 30	Voigt

## PHILOSOPHY

71	Issues of the Present War (Same as History 71)	1	1:40 TTh	Martin
85	Principles of Reasoning	2	8:10 MWF	Martin
100	General Ethics	3	9:20 daily	Martin
107	The World's Great Religions	2	7:00 MWF	Martin
210	Minor Studies in Philosophy	1-3	Arranged	Martin
395	Thesis	1-8	Arranged	Martin

## PHYSICAL WELFARE

## MEN

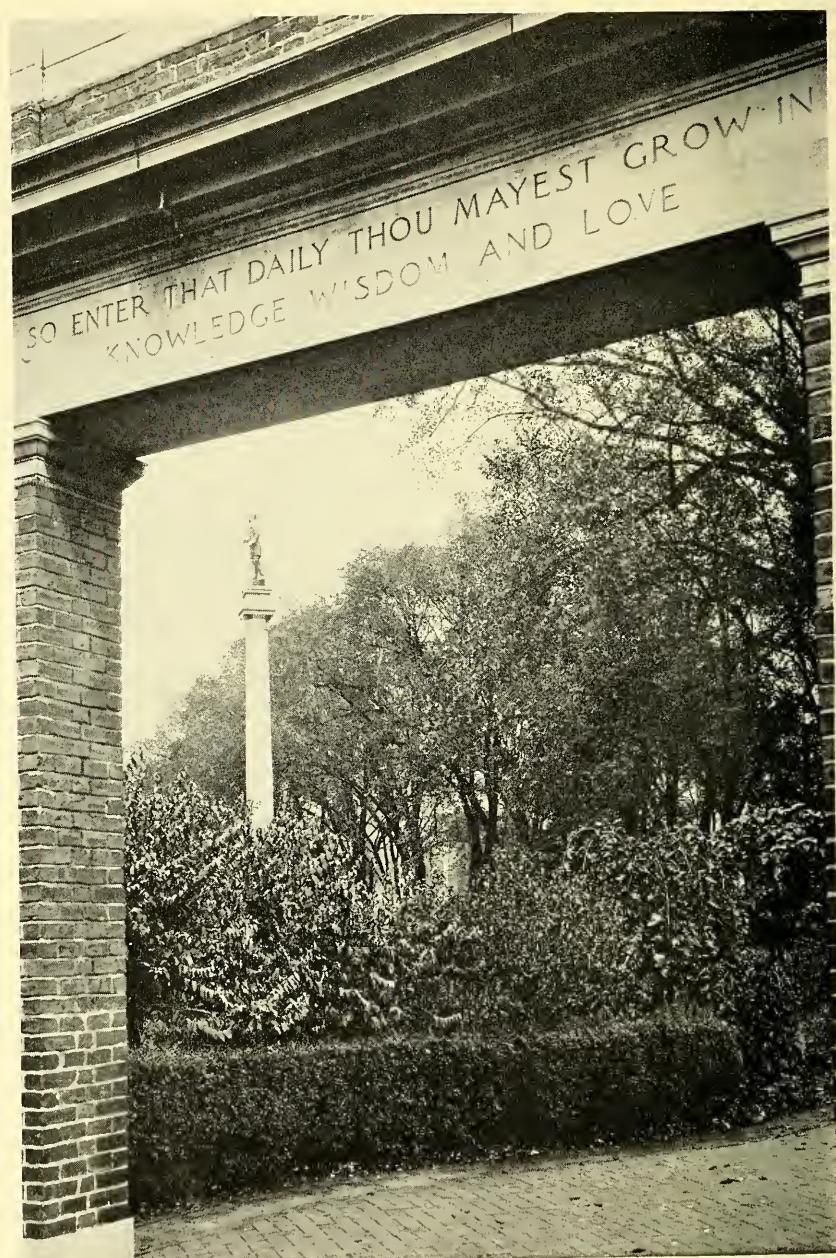
1	Physical Education	1	8:10 daily	Trepp
1	Physical Education	1	9:20 daily	Trepp
1	Physical Education	1	10:30 daily	Trepp
1	Physical Education	1	2:50 daily	Trepp
9	Adapted Activities	1	9:20 daily	Trepp
9	Adapted Activities	1	2:50 daily	Trepp

## MEN AND WOMEN

15	Folk and National Dancing	1	2:50 daily	Hatcher
114	Camp Craft	1	2:50 daily	LaTourrette
153	Nature and Function of Play	2	8:10 MWF	Bird
167h	Teaching of Health	2	1:40 MWF	Trepp
167p	Teaching of Physical Education	1	9:20 TTh	Bird
206	Organization and Administration of Physical Education	2	9:20 MWF	Bird

## WOMEN

1	Sports (Badminton)	1	9:20 daily	Hatcher
1	Sports (Badminton)	1	11:40 daily	Hatcher
1	Sports (Tennis)	1	1:40 daily	LaTourrette
1	Sports (Gymnastics)	1	10:30 daily	Kellner
3	Beginning Swimming	1	1:40 daily	Kellner
4	Intermediate Swimming	1	2:50 daily	Kellner
9	Adapted Activities	1	1:40 daily	Hatcher
15	Folk and National Dancing	1	2:50 daily	Hatcher
111	Advanced Swimming	1	11:40 daily	Kellner
114	Camp Craft	1	2:50 daily	LaTourrette
167s	Teaching of Swimming	1	Arranged	Kellner



ALUMNI GATEWAY

## PHYSICS

Catalog Number	Title of Course	Credit Hours	Time	Instructor
2	The Physical World Laboratory	3	10:30 MWF; 1:40, 2:50 TTh	Edwards
5	Introduction to Physics Laboratory	4	8:10 daily; 1:40, 2:50 TTh	Edwards
168p	Teaching of Physics	2	9:20 MWF	Edwards
225	Advanced Physics Laboratory	1-3	Arranged	Edwards
395	Thesis	1-6	Arranged	The Staff

## PRINTING ADMINISTRATION

11	Hand Composition and Typography	3-6	7:00, 8:10 daily	Kinison
21	Elements of Presswork	3-6	7:00, 8:10 daily	Kinison
144	Multigraph and Multilith Printing	3	7:00, 8:10 daily	Kinison

## PSYCHOLOGY

1	General Psychology	3	10:30 daily	Scott
3	Child Psychology	3	8:10 daily	Scott
5	Educational Psychology	3	9:20 daily	Gentry
113	Psychology of Adolescence (Jr. and Sr. High School Pupils)	2	10:30 MWF	Gentry
203	Mental Measurements	3	9:20 daily	Paulsen
210	Mental Hygiene	3	9:20 daily	Scott
215	Social Psychology	3	10:30 daily	Paulsen
217	Psychology of Personality	3	11:40 daily	Gentry
220	Personnel and Vocational Counseling	2	11:40 MWF	Paulsen
225	Minor Problems in Psychology	1-3	Arranged	The Staff
395	Thesis	1-8	Arranged	The Staff

## ROMANCE LANGUAGES

## FRENCH

1s	Beginning French	3	8:10 daily	Renkenberger
100	Intermediate French	3	9:20 daily	Renkenberger
203	Readings from French Literature	1-3	Arranged	Renkenberger
281	Research in French Language and Literature	1-3	Arranged	Renkenberger
395	Thesis	1-8	Arranged	Renkenberger

## SPANISH

1s	Beginning Spanish	3	8:10 daily	Ondis
100	Intermediate Spanish	3	9:20 daily	Ondis
203	Readings from Spanish Literature	1-2	Arranged	Ondis
251	Advanced Spanish Grammar	3	11:40 daily	Ondis
395	Thesis	1-8	Arranged	Ondis

## SOCIOLOGY

1	General Sociology	3	11:40 daily	Katona
103	Social Change and Social Problems	3	8:10 daily	Katona
105	Race Relations	3	10:30 daily	Katona
107	Educational Sociology	3	9:20 daily	Jeddeloh
208	Marriage and the Family	3	8:10 daily	Jeddeloh
222	Juvenile Delinquency	3	11:40 daily	Jeddeloh
239	Introduction to Case Work	2	Arranged	Cusick
240	Advanced Case Work	2	Arranged	Cusick
245	Family Welfare Services	2	Arranged	Cusick
246	Family Welfare Services	2	Arranged	Cusick

## SOCIOLOGY—(Continued)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
249	Case Work With the Aged	3	9-12, 1-3 M	Cusick
251	Problems of the Aged	3	9-12, 1-3 Th	Jeddeloh
253	Institutional Social Service	3-5	Arranged	Jeddeloh
257	Internship Training in Social Agencies	3-5	Arranged	Jeddeloh, Cusick
381	Research Problems in Sociology	1-3	Arranged	The Staff
395	Thesis	1-8	Arranged	The Staff

## ZOOLOGY

3	General Zoology	3	7:00, 8:10 MTThF	Krecker
4	General Zoology	3	10:30, 11:40 MTThF	Krecker
103	Readings in Biology	1	W. a.m. ; arr.	Frey
107	Principles of Heredity	3	9:20 daily	Krecker
124	Histology	4	7:00, 8:10 daily ; 2 hrs arr. a.m.	Elliott
135	Elements of Physiology	4	10:30, 11:40 daily	Rowles
145	Clinical Technic	2	9:20, 10:30 MTThF	Frey
202	Vertebrate Embryology	4	9:20, 10:30, 11:40 daily	Elliott
209	Biological Chemistry	4	7:00, 8:10 daily	Rowles
211	General Bacteriology	4	7:00, 8:10 daily	Frey
385	Research in Biology	1-8	Arranged	The Staff

## POST SUMMER SESSION

The following courses will be available during the post summer session, August 6 to August 25. The post summer session is scheduled primarily for the benefit of students who have only a few hours of work to complete for degrees or teacher qualification under emergency provisions. The maximum load for this three-week session will be 3 credit hours.

## BOTANY

101	General Botany	3	8:00, 9:00, 10:00 daily	Boetticher
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## COMMERCE

## ACCOUNTING

281	Research in Accounting	2-3	Arranged	The Staff
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## ECONOMICS

3	Contemporary Economic Society	3	8:00, 9:00, 10:00 daily	Beckert
101	Principles of Economics	3	8:00, 9:00, 10:00 daily	Adamson
281	Research in Economics	2-3	Arranged	The Staff

## FINANCE

75s	Personal Finance	3	8:00, 9:00, 10:00 daily	Hanson
281	Research in Finance	2-3	Arranged	The Staff

## STATISTICS

281	Research in Business Statistics	2-3	Arranged	The Staff
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## EDUCATION

Catalog Number	Title of Course	Credit Hours	Time	Instructor
130	Principles of Secondary Education	3	8, 9, 10 daily	Staff Member
201	The Child and the Curriculum	3	8, 9, 10 daily	Ward
211	The Child and the Curriculum	3	8, 9, 10 daily	Ward
230	High School Administration	3	8, 9, 10 daily	Staff Member
256	Progressive Education	3	8, 9, 10 daily	Hampel
284	Research in Education	2-3	Arranged	The Staff

## ENGLISH

102	Sophomore English Literature	3	Arranged	Kendall
112	The Chief American Writers	3	Arranged	Peckham
271	Dante (In English)	3	Arranged	Wilson

## GOVERNMENT

216	International Relations	3	9:00, 10:00, 11:00 daily	Volwiler
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## HISTORY

132	History of Ohio	3	8:00, 9:00, 10:00 daily	Hoover
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## INDUSTRIAL ARTS

1	Woodworking I	3	7:00-12:00 daily	Humphrey
2	Woodworking II	3	7:00-12:00 daily	Humphrey
6	Wood Turning*	2	7:00-12:00 daily	Humphrey
9	Craft and Hobby Work*	2	7:00-12:00 daily	Humphrey
109	Cabinetmaking	3	7:00-12:00 daily	Humphrey

## JOURNALISM

111	Reporting Practice	2-3	Arranged	Smiley
121	Editing Practice	2-3	Arranged	Harris

## PAINTING AND ALLIED ARTS

395	Thesis	1-3	Arranged	The Staff
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## PHILOSOPHY

103	Introduction to Philosophy	3	8:00, 9:00, daily ; arr.	Houf
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## PHYSICAL WELFARE

22	Personal and Public Health	3	9:00, 10:00, 11:00 daily	Nessley
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## SOCIOLOGY

103	Social Change and Social Problems	3	10:00, 11:00 daily ; arr.	Taylor
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\*May be completed in two weeks.

## PROGRAM OF STUDIES ON NON-DEGREE LEVELS

The university is offering increasing opportunities for study by those students who do not expect to complete the requirements for baccalaureate degrees. These have been designed to provide for individual educational needs and interests. They make possible a maximum flexibility both in the special curricula and in the numerous broad elective studies patterns. Where such is advantageous to the interests of the students, the usual university requirements expected of degree students in a semester are waived. Non-degree students do not answer the University College requirements. Returning war veterans and other persons may find the answer to individual educational needs in these course arrangements.

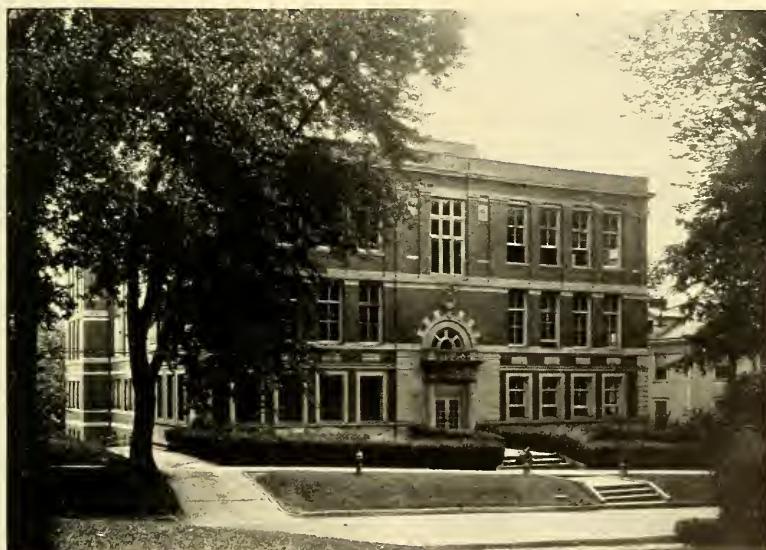
**PARTIAL PROGRAMS.** A relatively large number of students who enter the university as freshmen drop out before completing the work for a degree. Many of them plan in advance to continue only for a year or two. Some wish to complete only part of an established curriculum beginning in the freshman year and leading toward the granting of a degree. It is understood that such partial programs do not prepare the student for entrance into professions where certification or licensing are requisite. In numerous fields, partial training has real occupational significance and value. This is particularly true in commerce, where preparation is offered for entrance into business and industry, agriculture, engineering, fine arts, industrial arts, and home economics. During the war emergency, partial programs are offered in elementary education leading to temporary certification by the State Department of Education, and in premedical preparation leading to entrance to medical schools. Well chosen patterns of courses in the study areas offered in the College of Arts and Sciences provide preparation for a wide range of occupational fields in government service, business, and industry. Students who are undecided about their length of stay in the university or about their immediate future pursuits should begin study as regular freshman students and proceed toward completion of degree requirements.

**ONE-YEAR AND TWO-YEAR TERMINAL CURRICULA.** There are numbers of students who wish short-term preparation programs ranging in length from a year to two years. Their educational needs are not met by the usual established degree curricula. The university, through cooperative arrangements between the University College and the degree colleges offers certain highly individualized programs of study. Sequences of courses designed to prepare the student for early and direct entrance to various vocations are available in the following fields: (One-Year) Accounting, Agriculture, Clerical Training, Graphic Arts, Home Economics, Metal Working and Woodworking; (Two-Year) Accounting, Aerial Photogrammetry, Agriculture, Chemistry, Clerical Training, Conservation of Plant Resources, Dramatic Production, Electrical Engineering, Finance, Graphic Arts, Home Economics, Metal Working, Meteorology, Music, Personnel Management, Physics, Plant Pathology, Premedical, Production Control and Supervision, Public Service, Radio and Electronics, Recreation, Retail Selling, Secretarial Studies, Sociology and Social Welfare, Speech Correction, and Woodworking. Others will be arranged in certain fields upon request. All such non-degree programs of study are characterized by a highly vocational purpose and a corresponding re-

duction or absence of general and liberal arts courses in their specifications. Credit for all courses, as far as possible, will be allowed the student who wishes to continue studies toward any of the baccalaureate degrees after completion of a one-year or two-year terminal curriculum. Diplomas are awarded two-year students upon satisfactory completion of any of the special curricula.

**ELECTIVE STUDIES.** For those students who wish to elect broadly on the basis of their interests and more detailed needs, opportunities are offered for a two-year program in elective studies. The privilege of a wide choice of courses and very few requirements characterizes the registration of such students. However, it is recommended that the selection of courses center around some core of interest indicated by the student. Opportunity to take courses not usually open to students of freshman and sophomore standing will be permitted where feasible. Elective studies programs are limited to four semesters in residence or to 64 credit hours. Upon reaching either of these limits, the student is expected to register in some degree curriculum.

As far as possible, credit for all courses completed satisfactorily may be applied on programs of study leading to the granting of baccalaureate degrees. Diplomas are awarded students completing any elective studies program of 64 credit hours with a point-hour ratio of 2.000 for all hours attempted.



AGRICULTURE AND HOUSEHOLD ARTS BUILDING

